

INTERNATIONAL SEARCH REPORT

PCT/02/05488

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G04G15/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G04G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 292 240 A (INFORMATICS ENGINEERING PTE LI) 14 February 1996 (1996-02-14)	1-3
Y	page 7, line 17 -page 9, line 28	4-18
Y	DE 199 48 326 A (EICHELMANN WOLFGANG ;HUBER MARTIN (DE); WISTUBA EBERHARD (DE)) 12 April 2001 (2001-04-12) column 1, line 1 -column 4, line 43	4,6-9, 13,16-18
Y	DE 93 05 695 U (PFEFFER D.) 9 June 1993 (1993-06-09) figures 1-9	5,12
Y	EP 1 069 695 A (CIT ALCATEL) 17 January 2001 (2001-01-17) column 6, line 16 -column 11, line 30	10-12
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

17 March 2003

Date of mailing of the international search report

26/03/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 588 901 A (MACLAY WILLIAM R ET AL) 13 May 1986 (1986-05-13) column 7, line 13-20 ---	14,15
Y	US 5 877 938 A (BLEWITT RICHARD G ET AL) 2 March 1999 (1999-03-02) column 2, line 15 -column 4, line 8 ---	14,15
Y	EP 0 146 664 A (RACINE MARTIAL ;SCHAFER RUDOLF (CH)) 3 July 1985 (1985-07-03) claim 1 ---	17
A	US 5 231 310 A (OH SOO-YOUNG) 27 July 1993 (1993-07-27) column 2, line 8 -column 10, line 27 ---	1-18
P,X	WO 02 41084 A (RATCLIFFE ANTHONY BROTHERTON) 23 May 2002 (2002-05-23) page 1, line 1 -page 15, line 25 -----	1-18

INTERNATIONAL SEARCH REPORT

PCT/GB 02/05488

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2292240	A	14-02-1996	NONE	
DE 19948326	A	12-04-2001	DE 19948326 A1	12-04-2001
DE 9305695	U	09-06-1993	DE 9305695 U1	09-06-1993
EP 1069695	A	17-01-2001	EP 1069695 A1	17-01-2001
			AU 3942400 A	18-01-2001
			CA 2312077 A1	16-01-2001
			JP 2001086571 A	30-03-2001
US 4588901	A	13-05-1986	NONE	
US 5877938	A	02-03-1999	US 5684671 A	04-11-1997
EP 0146664	A	03-07-1985	EP 0146664 A1	03-07-1985
			AT 29322 T	15-09-1987
			DE 3373375 D1	08-10-1987
US 5231310	A	27-07-1993	NONE	
WO 0241084	A	23-05-2002	AU 2382602 A	27-05-2002
			WO 0241084 A1	23-05-2002
			GB 2372112 A	14-08-2002